

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((("5427080") or ("5542711") or ("4741295"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/02 08:50
L2	3	1 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/02 08:50
L3	6	("3612584"   "4960096"   "5201549"   "5207714"   "5333917"   "5425347").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 08:50
L4	6	("3294073"   "4169471"   "4258687"   "4516538"   "4570603").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 08:51
L5	12	("2845911"   "2927564"   "3742923"   "4068637"   "4367719"   "4440120"   "4513698"   "4545331"   "4615324"   "4643137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 08:58
L6	58	(engine and (air with passage)and (intake with manifold) and (gas or egr or additive))[clm]	US-PGPUB	OR	ON	2006/03/02 09:00
L7	5	(engine and (air with passage)and (intake with manifold) and (gas or egr or additive) and flange)[clm]	US-PGPUB	OR	ON	2006/03/02 09:03
S1	163	123/184.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 08:49
S2	107	S1 and intake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 17:53
S3	90	S2 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 17:53
S4	163	123/184.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/20 18:45

## EAST Search History

S5	107	S4 and intake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/20 18:45
S6	90	S5 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/20 18:45
S7	1	S6 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/20 18:46
S8	163	123/184.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 19:10
S9	507	123/184.21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:57
S10	664	S8 S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 19:11
S11	10	S10 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 19:14
S12	2455	harris.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/05 19:15
S13	324	S12 and (katrina.xa.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/05 19:23
S14	95	S13 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/05 19:16
S15	0	("6553953").URPN.	USPAT	OR	ON	2006/02/05 19:20

## EAST Search History

S16	5	("2403260"   "3577972"   "3699942"   "6237549").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/05 19:31
S17	12	("3955643"   "3966014"   "4501341"   "5014816"   "5040495"   "5283398"   "5317112"   "5333576"   "5783780"   "5996733"   "6199657"   "6595013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/05 19:32
S18	4	("4479463"   "5887565"   "5988134"   "6142257").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/05 19:35
S19	305	123/184.53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 19:40
S20	6	((("10201294") or ("10315933") or ("10383749") or ("10717818") or ("10760329") or ("4294205") or ("6752115") or ("4932369") or ("6454037"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 11:05
S23	1405	123/585.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:44
S24	812	123/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:44
S25	963	123/432.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:44
S26	2922	S23 S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:44
S27	2294	S26 and (gas or air)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:45
S28	27	S27 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:45
S29	14	S28 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/08 12:16

## EAST Search History

S30	1405	123/585.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:53
S31	964	123/432.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:53
S32	812	123/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:53
S33	2923	S30 S31 S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:53
S34	847	S33 and (intake with manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:55
S35	11	S34 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:56
S36	1	"6752115".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:56
S37	0	S36 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 09:56
S38	164	123/184.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:57
S39	1	S38 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:57
S40	511	123/184.21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:57

## EAST Search History

S41	9	S40 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:57
S42	1613	123/572-574.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:23
S43	669	S42 and (intake with manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:23
S44	30	S43 and egr	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:23
S45	18	S44 and pcv	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:44
S46	13	S45 and (gas with passage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:45
S47	1	S46 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 16:26
S48	265	S43 and (gas with passage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 17:15
S49	1	"4715329".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/21 17:15

## EAST Search History

S50	51	("4248187" "4257382" "4561408" "4270505" "4930315" "5918462" "6325055" "4250855" "4437446" "5479904" "4433541" "4573441" "4815324" "5339784" "5364322" "5549092" "5623895" "5746131" "5672187" "5454352" "5472645" "5512216" "6227182" "4919826" "5918582" "6032656" "6170469" "6230697" "5551411" "4362130" "4366778" "4401058" "5203870" "5823160" "5850823" "6216458" "6216458" "4270356" "4388911" "4411243" "4589397" "4813390" "4825843" "5313797" "5427077" "5494008" "5590632" "5850813" "5937821" "5967113").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:20
S51	49	S50 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:20
S52	6	S51 and flange	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:21
S53	6	S52 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:22
S54	806591	engine	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:22
S55	40624	S54 and (intake with manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 08:22
S56	9765	S55 and flange	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18
S57	1756	S56 and (gas with passage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18
S58	49	S57 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18

## EAST Search History

S59	164	123/184.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/24 08:33
S60	513	123/184.21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/24 09:18
S61	47	S60 and (gas with passage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18
S62	0	S61 and additive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18
S63	15	S61 and flange	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 09:18
S64	240	123/568.17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:26
S65	172	S64 and manifold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/01 12:41
S66	170	S65 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/01 12:41
S67	160	S66 and intake	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/01 12:42